National Aeronautics and Space Administration

Science On A Sphere

Hurricane Links for Further Learning

NASA Hurricane Resource Page :
http://www.nasa.gov/hurricane
This is a comprehensive resource page that includes educational links.

Hurricane Articles:
http://earthobservatory.nasa.gov/Newsroom/NewImages/images.php3
Story about the cooling of the ocean by Pacific typhoon Ioke. This contains and excellent image of the change in Sea Surface Temperature (SST).

http://earthobservatory.nasa.gov/Newsroom/NasaNews/2006/2006092623210.html
NASA Technology Captures Massive Hurricane Waves (September 26) NASA research is helping to increase knowledge about the behavior of hurricane waves that pose a serious threat to mariners and coastal communities.

Scientific Visualization Studio
http://svs.gsfc.nasa.gov
The mission of the Scientific Visualization Studio is to facilitate scientific inquiry and outreach within NASA programs through visualization. To that end, the SVS works closely with scientists in the creation of visualization products, systems, and processes in order to promote a greater understanding of Earth and Space Science research activities at Goddard Space Flight Center and within the NASA research community. All the visualizations created by the SVS (currently totalling over 2,700) are accessible to you through this Web site.

Earth Observatory Home:
http://earthobservatory.nasa.gov
The purpose of NASA's Earth Observatory is to provide a freely-accessible publication on the Internet where the public can obtain new satellite imagery and scientific information about our home planet. The focus is on Earth's climate and environmental change. In particular, we hope our site is useful to public media and educators. Any and all materials published on the Earth Observatory are freely available for re-publication or re-use, except where copyright is indicated. We ask that NASA's Earth Observatory be given credit for its original materials.

Interactive:
http://mcps.k12.md.us/departments/eventscience/EBS.EOS.HU.html
Hurricane! Remote-Sensing Activities - If you are working on the Event-Based Science module called Hurricane!, this page is for you. It takes you to two remote-sensing activities that will help you with the Task. Hurricane! Activity 1 provides GOES images from NASA to help you learn to track a hurricane. (Activity 1 Spanish Version) Hurricane! Activity 2 allows you to investigate the relationship between wind speed in a hurricane and two other factors.

http://www.nhc.noaa.gov/HAW2/pdf/canelab.htm
Create a hurricane online activity

NOAA Hurricane Resources:
http://www.climate.noaa.gov/education/hurricanes/stormsurge.pdf
Storm Surge - These student activities & teacher resources help both teachers and students answer the question "How does hurricane storm surge affect the low-lying areas along a coast?" The activities are appropriate for 9-12th grade students, but can be easily adjusted for middle school students.

http://www.climate.noaa.gov/index.jsp?pg=./education/hurricanes/resources.jsp - Hurricane Education - NOAA Education recently participated in the 2006 National Science Teachers Association Conference. Hurricane Education was one of the topics included in the materials distributed at the NOAA exhibit booth. Feel free to browse our Teaching Resources and Related Links.

Hurricane Basics (pdf) - general information about hurricanes and hurricane forecasting.

hurricanes